Solid Earth
Discussions

Interactive comment on "Modelling complex geological angular data with the Projected Normal distribution and mixtures of von Mises distributions" *by* R. M. Lark et al.

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This type of modelling geological angular data with the Projected Normal distribution and mixture of von Mises distributions is very specific and therefore is not applied by most of structural geologists. This explains my choice for a good in the scientific significance. Nevertheless the presented paper is an excellent approach to evaluate orientation data. Title, references, introduction and the description of the methods are appropriate and introduce the complex matter. Although I would suggest, that the authors should add one more table, including and explaining all the abbreviations and variables not only in the fluent text. The two examples support and make the more

theoretical descriptions clear. Summarizing, I would recommend to publish this paper adding only the table with abbreviations and variables, that would make reading and understanding much easier.

Interactive comment on Solid Earth Discuss., 5, 2181, 2013.